

ZOGLAB

- Measuring range 0~2500/4000/5000/7500Pa to choose from
- Measuring accuracy 0.01%FS, 0.03%FS
- Support multiple pressure units to choose from
- Customized wind speed measurement
- 7 inch TFT touch screen for better user experience



DPM2500

PRECISION DIFFERENTIAL PRESSURE METER



DPM2500



DPM2500

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PRECISION DIFFERENTIAL PRESSURE METER

DPM2500 is a precision differential pressure meter; 0~2500/4000/5000/7500Pa measuring range to choose from; highest accuracy could reach 0.01%FS.

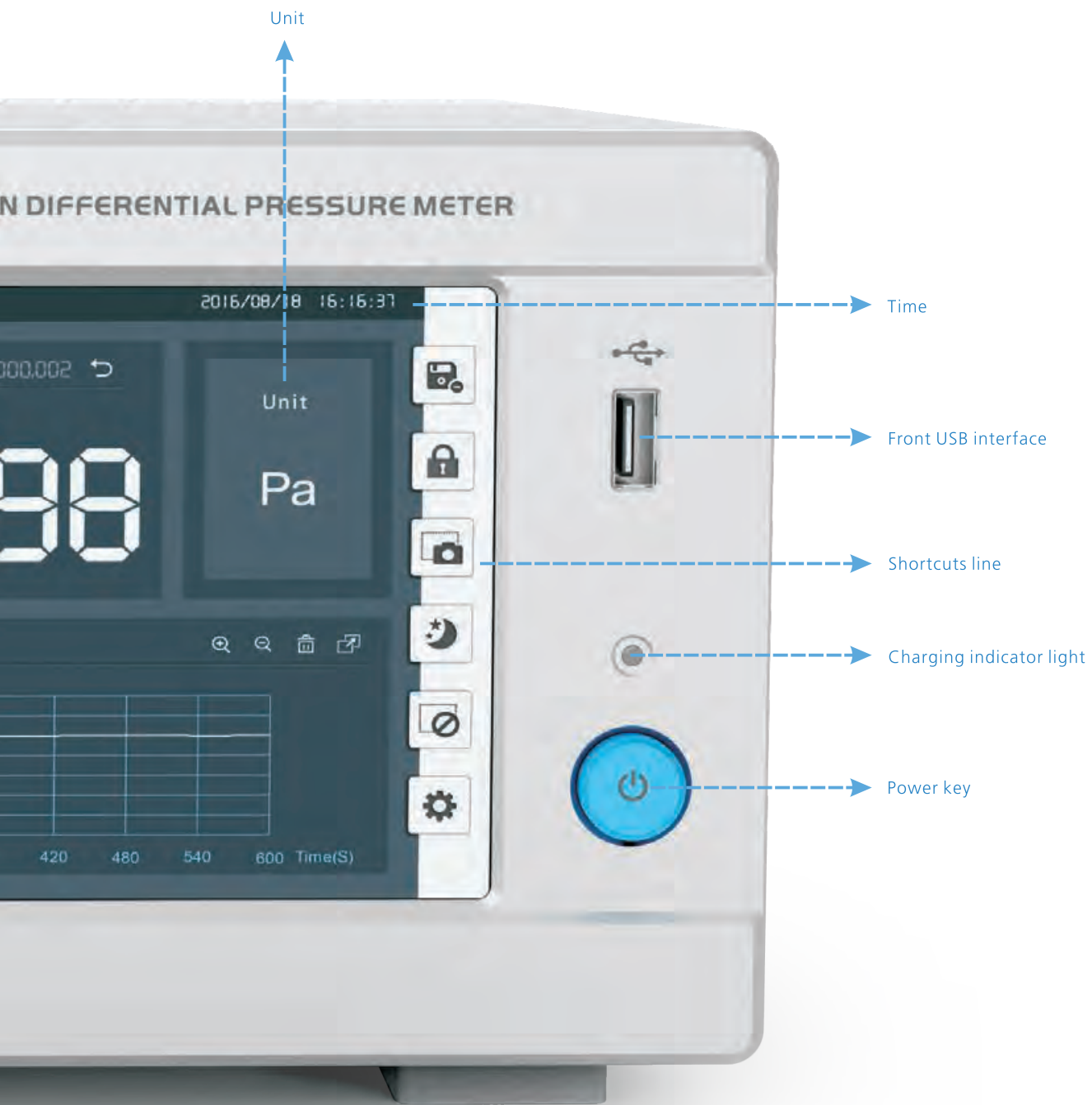
DPM2500 adopts humanized design, 7 inch TFT touch screen for friendly interface; Multiple pressure units to choose from; multiple communication interfaces; built-in battery could support continuous work for 8 hours. It is used to verify the accuracy of field pressure indicators/transmitters or as a laboratory standard and wherever there is a need for a high level of pressure accuracy in manufacturing, testing and calibration of pressure instruments or gauges. DPM2500 supports wind speed measuring mode for wind tunnel, and could read the data of temperature, humidity and pressure, which highly improve the working efficiency of wind speed sensor in meteorological industry.

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- Customized wind speed measurement
- 7 inch TFT touch screen for better user experience
- Support RS232/485, USB, LAN communication interfaces
- Built-in battery could support continuous work for 8 hours

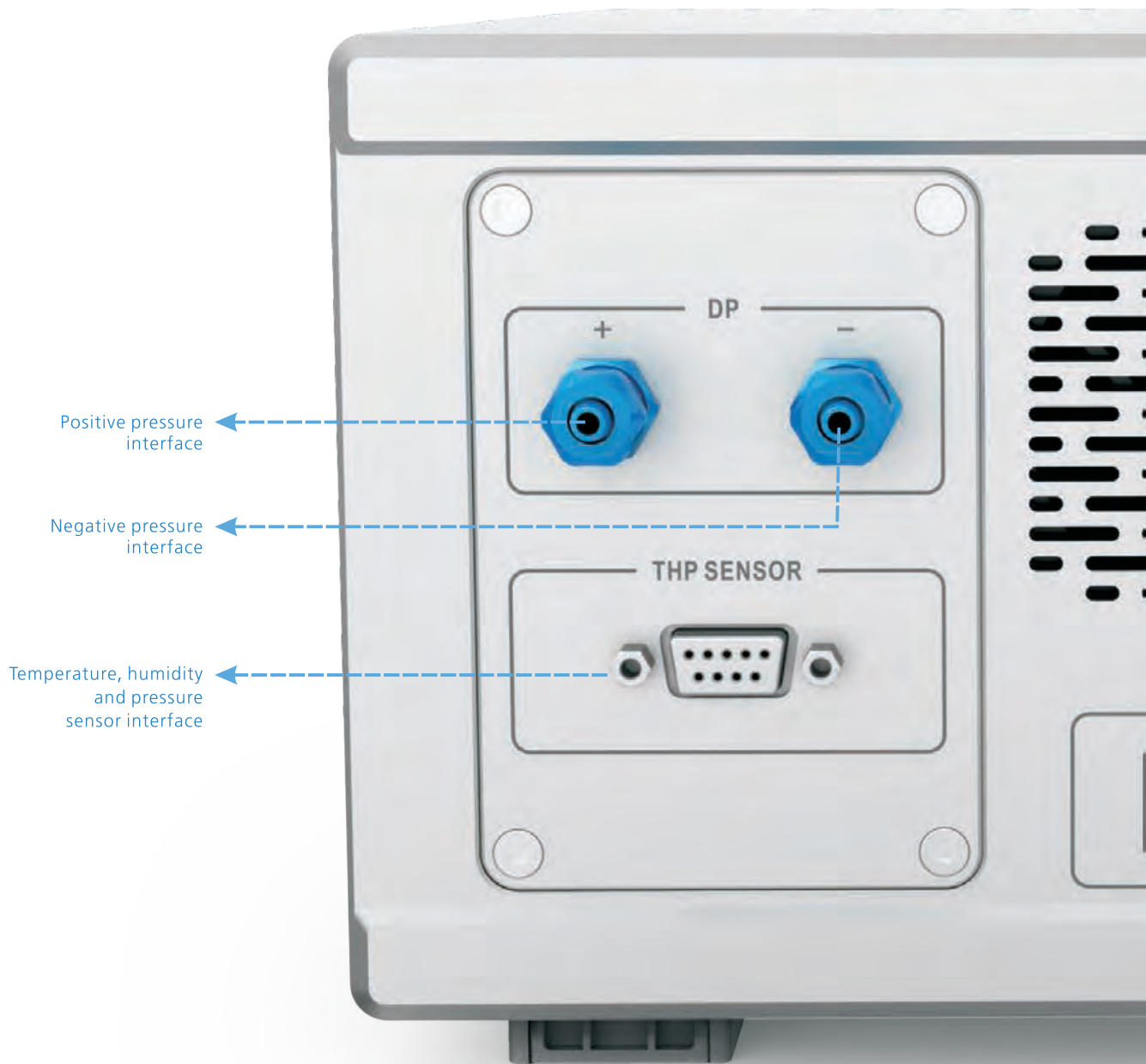


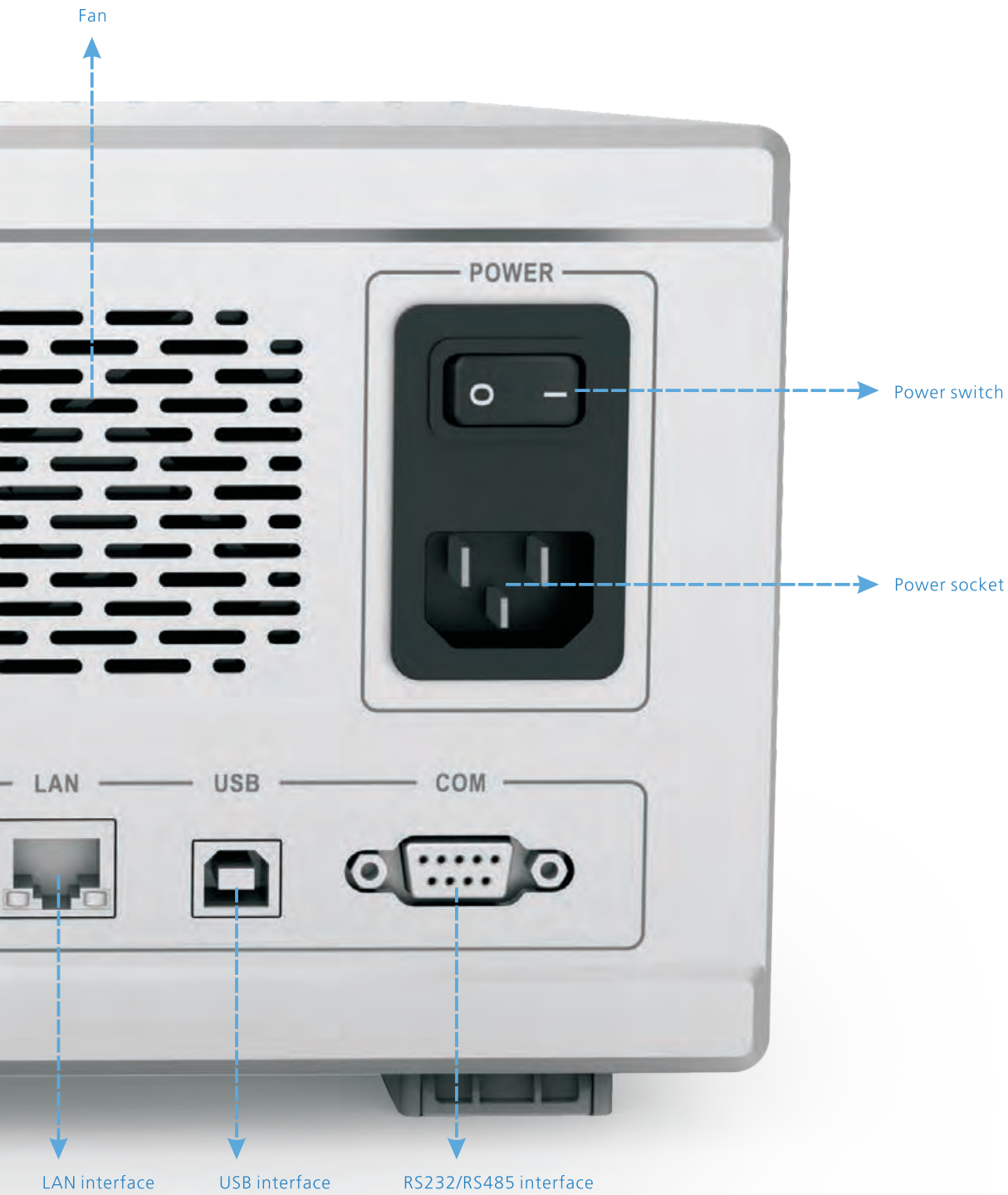
DPM2500 • Host Machine



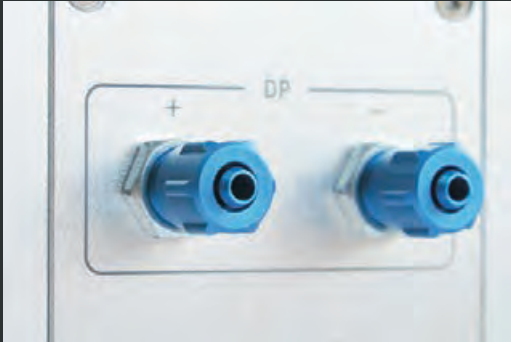


DPM2500 • Host Machine



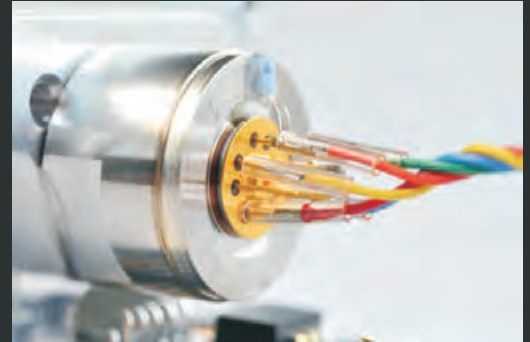


DPM2500 • Functions & Features



Differential Pressure Measurement

- Max measuring range 0~7500Pa
- Highest accuracy 0.01%FS
- Resolution 0.001Pa



Stability

- Stability superior to 0.03%FS (Within calibration validity)



Calibration

- Support online multiple points calibration
- Support calibration expired reminder



Color Touchscreen

- 7 inch super big TFT LCD display
- Capacitive touchscreen operation



Wind Measurement by Differential Pressure

- Support wind measurement by differential pressure and data could be read directly
- Could connect external sensor to read temperature, humidity and pressure value



Logging

- Internal storage capacity of 1G, and could extend to external storage
- Support USB flash disk to export data



Communication

- Support RS232/485, USB, LAN communication interfaces
- Support remote control and group networking application
- Support embedded Web operation



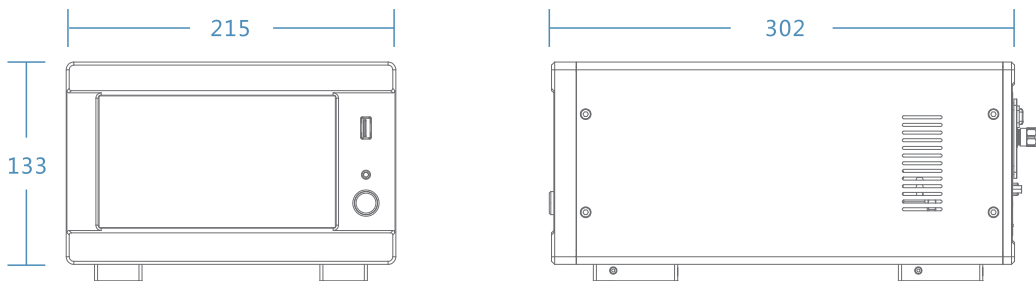
Power Supply

- 100~240 VAC universal input
- Built-in lithium polymer battery support continuous work for 8 hours

DPM2500 • Technical Specification

Technical specification	
Differential pressure measuring range	0~2500Pa , 0~4000Pa , 0~5000Pa , 0~7500Pa
Differential pressure measuring accuracy	0.01%FS , 0.03%FS
Differential pressure measuring resolution	0.001Pa
Over-pressure limit	150%FS
Preheating time	< 15mins
Calibration validity	365 days
Display	7 inch, 800 X 480 TFT LCD touch screen
Working environment	-10~40°C , 10%~95%RH(Non condensing)
Storage environment	-20~70°C , 10%~95%RH(Non condensing)
Power supply	100~240VAC 0.5A, 50/60Hz
Battery	Lithium polymer battery 14.8V/8000mAh
Battery life	Continuous work for 8 hours/ standby for 90 days
Communication interface	RS232/485 , USB , LAN
EMC	EN 50081-1 Class B EN 50082-1 Class B
ESD Protection	±25KV
Dimensions	215×133×302mm (w/h/d) (3U, 1/2 size of 19 inch rack)
Weight	4.5kg
Certificates	CE,FCC,VCCI,C-TICK

Dimensions(mm)



DPM2500 • Accessories

Standard Accessories

Serial communication cable



LAN communication cable



USB communication cable



Power cable



Calibration Certificate



User's manual



Warranty card



Qualification



Maintenance manual



WEEE card



CD



Optional Accessories

Pressure channel tee-junction



Pressure channel cross-junction



Ordering Information

Ordering model	Features
DPM2500-2K5	measuring range 0~2500Pa , measuring accuracy 0.01%FS
DPM2500-4K0	measuring range 0~4000Pa , measuring accuracy 0.01%FS
DPM2500-5K0	measuring range 0~5000Pa , measuring accuracy 0.01%FS
DPM2500-7K5	measuring range 0~7500Pa , measuring accuracy 0.01%FS

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Website



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